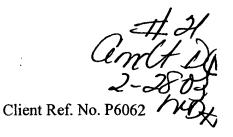
Docket No. 884.055US1





METHOD AND APPARATUS FOR CONTROLLING IMAGE TRANSPARENCY
Applicant: John David Miller
Serial No.: 09/210,055

20. A method comprising:

selecting a mode, the mode is FRONT\_ONLY, BOTH\_SIDES, or BACK\_ONLY; determining a viewing angle;

determining an object angle;

calculating a theta, theta equals the viewing angle minus the object angle plus pi; assigning a function of theta to alpha, if the mode is FRONT\_ONLY or BOTH\_SIDES; assigning a function of theta minus pi to alpha, if the mode is BACK\_ONLY; comparing alpha to zero;

assigning zero to alpha, if the mode is FRONT\_ONLY and alpha is less than zero; assigning zero to alpha, if the mode is BACK\_ONLY, and alpha less than zero; assigning minus alpha to alpha, if the mode is BOTH\_SIDES, and alpha is less than zero;

and

assigning a transparency factor to alpha.

21. (Canceled)

22. (Amended) A method comprising:

identifying a vector normal to a viewing surface and incident at an object having an object surface, the vector creating an angle of incidence at the object surface; and

Serial Number: 09/210,055 Filing Date: December 11, 1998

Title: METHOD AND APPARATUS FOR CONTROLLING IMAGE TRANSPARENCY

modulating the transparency of an image of the object as a function of the angle of incidence of the vector at the object surface, wherein the function comprises a cosine function.

23. (Canceled)

24. (Amended) A method comprising:

identifying a vector normal to a viewing surface and incident at an object having an object surface, the vector creating an angle of incidence at the object surface; and

modulating the transparency of an image of the object as a function of the angle of incidence of the vector at the object surface, wherein the function comprises a non-linear function.

25. (Canceled)

26. (Amended) A method for generating a transparency factor for an image of an object, the method comprising:

selecting a viewing surface;

selecting a vector normal to the viewing surface;

determining an angle of incidence at the object surface created by the vector normal to the viewing surface; and

Serial Number: 09/210,055

Filing Date: December 11, 1998

METHOD AND APPARATUS FOR CONTROLLING IMAGE TRANSPARENCY

calculating the transparency factor from the angle of incidence, wherein calculating the transparency factor from the angle of incidence comprises calculating a cosine of the angle of incidence.

27. (Canceled)

28. (Amended) A method for generating a transparency factor for an image of an object, the method comprising:

selecting a viewing surface;

selecting a vector normal to the viewing surface;

determining an angle of incidence at the object surface created by the vector normal to the viewing surface; and

calculating the transparency factor from the angle of incidence, wherein calculating the transparency factor from the angle of incidence comprises calculating a non-linear function of the angle of incidence.

29. (Canceled)

30. (Canceled)

31. (Canceled)

CLEAN VERSION OF PENDING CLAIMS -SUPPLEMENTAL AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.116 - EXPEDITED PROCEDURE

Serial Number: 09/210,055

Filing Date: December 11, 1998

Title: METHOD AND APPARATUS FOR CONTROLLING IMAGE TRANSPARENCY

Dkt: 884.055US1

32. (Amended) A computer comprising:

a processor;

a computer-readable medium; and

a computer program capable of being executed from the computer-readable medium by the processor to modulate a transparency of an image of an object as a function of an angle of incidence of a vector at a surface of the object, the vector being normal to a viewing surface, wherein the function comprises a cosine function.

33. (Canceled)

34. (Amended) A computer comprising:

a processor;

a computer-readable medium; and

a computer program capable of being executed from the computer-readable medium by the processor to modulate a transparency of an image of an object as a function of an angle of incidence of a vector at a surface of the object, the vector being normal to a viewing surface, wherein the function comprises a non-linear function.

35. (Canceled)

36. (Canceled)

Dkt: 884.055US1

CLEAN VERSION OF PENDING CLAIMS - SUPPLEMENTAL AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.116 - EXPEDITED PROCEDURE

Serial Number: 09/210,055

Filing Date: December 11, 1998

itle: METHOD AND APPARATUS FOR CONTROLLING IMAGE TRANSPARENCY

37. (Amended) A computer readable medium having computer-executable instructions stored thereon for performing a method, the method comprising:

modulating a transparency of an image of an object as a function of an angle of incidence of a vector at a surface of the object, the vector being normal to a viewing surface; and modulating the transparency non-linearly.